



EXPRESS MAIL NO. EL820334089U

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

R. WOLTERS

Serial No. 60/276868

Filed: March 19, 2001

For: MOSAIC FILTER MULTI-SPECTRAL IMAGING

Commissioner of Patents and Trademarks

Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Please amend this application as follows:

In the claims:

Please add the following claims:

1. (New). A device, comprising:

a plurality of binned pixels, each of said binned pixels comprising an array of single pixels;

a plurality of mosaics of filters, each mosaic of filters masking at least a portion of a corresponding binned pixel, and each of said filters in each of said mosaics masking a single pixel;

wherein each of said filters transmits light of at least one selected frequency band to a corresponding single pixel;

wherein at least one of such filters in each of said mosaics has a spectral resolution of approximately at most 20 nanometers centered around at least one desired transmission wavelength;